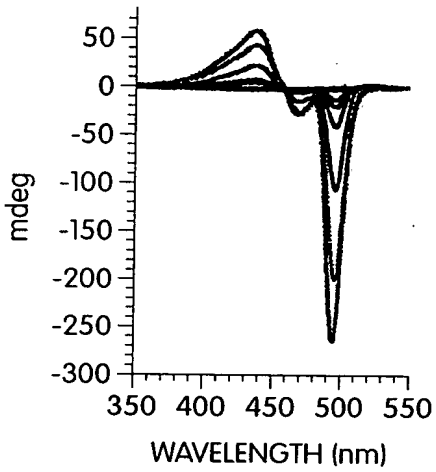


Fig. 1A

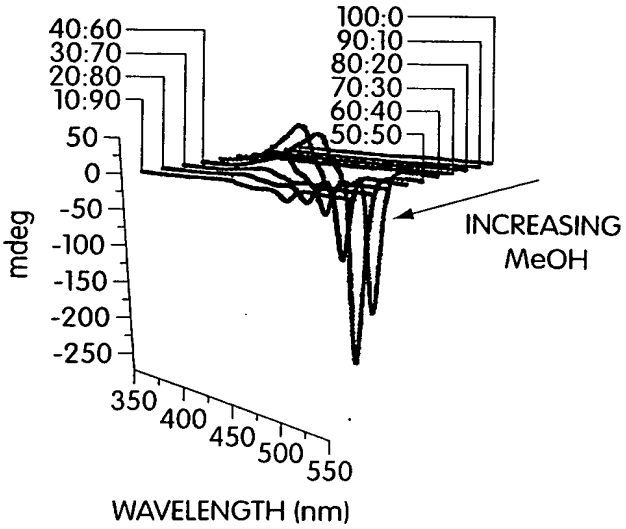


Fig. 1B

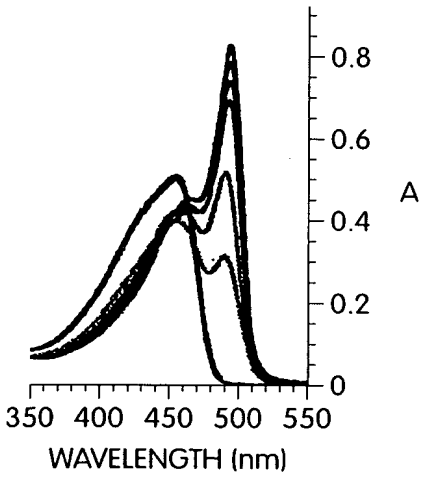

0.8
0.6
A
0.4
0.2
0
350 400 450 500 550
WAVELENGTH (nm)

Fig. 1C

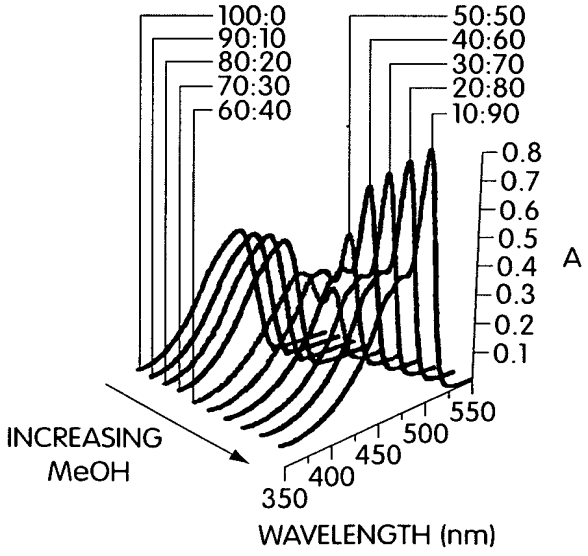

100:0
90:10
80:20
70:30
60:40
50:50
40:60
30:70
20:80
10:90
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
A
INCREASING
MeOH
350
400
450
500
550
WAVELENGTH (nm)

Fig. 1D

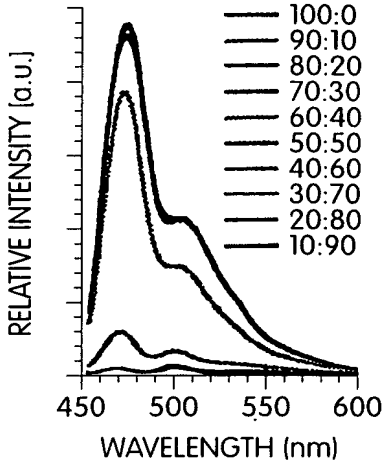

100:0
90:10
80:20
70:30
60:40
50:50
40:60
30:70
20:80
10:90
RELATIVE INTENSITY [a.u.]
450
500
550
600
WAVELENGTH (nm)

Fig. 1E

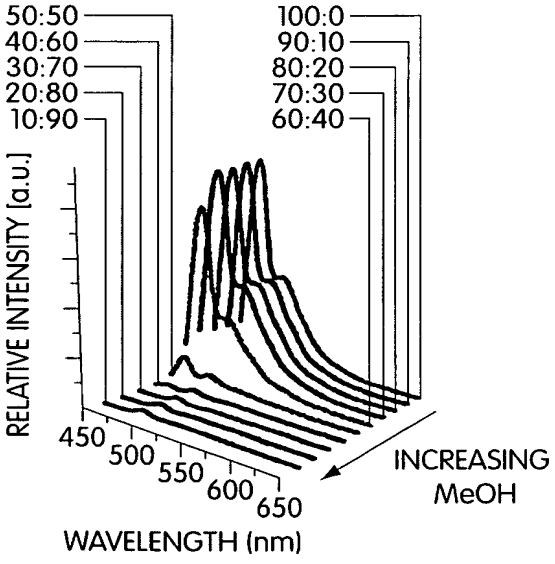

50:50
40:60
30:70
20:80
10:90
100:0
90:10
80:20
70:30
60:40
RELATIVE INTENSITY [a.u.]
450
500
550
600
650
WAVELENGTH (nm)
INCREASING
MeOH

Fig. 1F

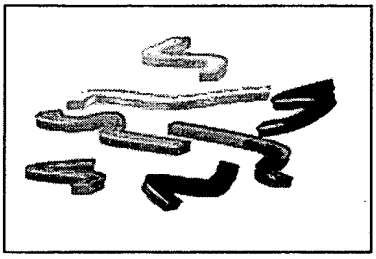


Fig. 2A

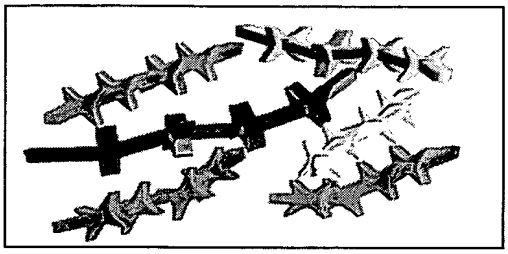


Fig. 2D

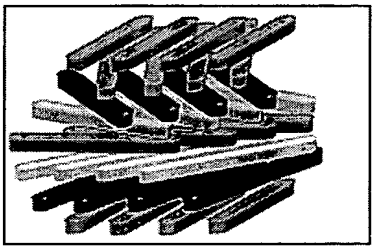


Fig. 2B

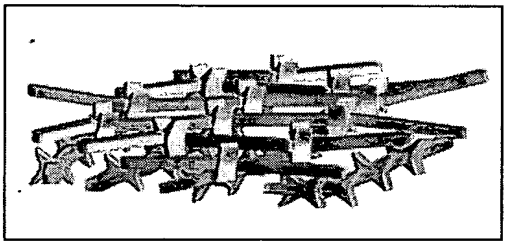


Fig. 2E

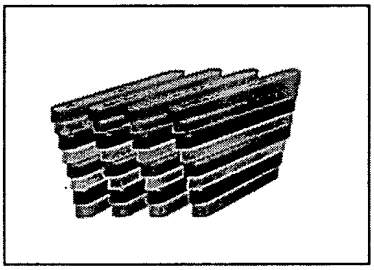


Fig. 2C

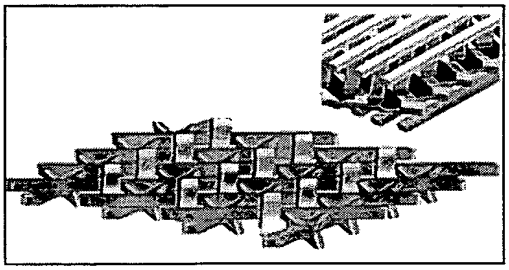


Fig. 2F

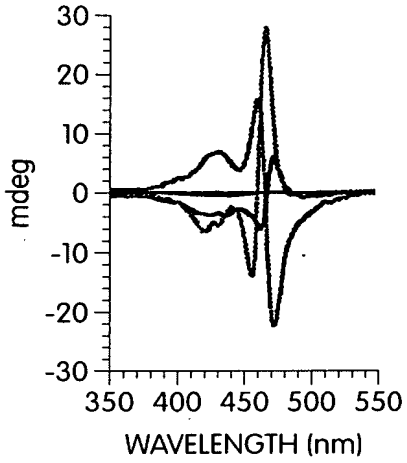

30
20
10
0
-10
-20
-30
mdeg
350 400 450 500 550
WAVELENGTH (nm)

Fig. 3A

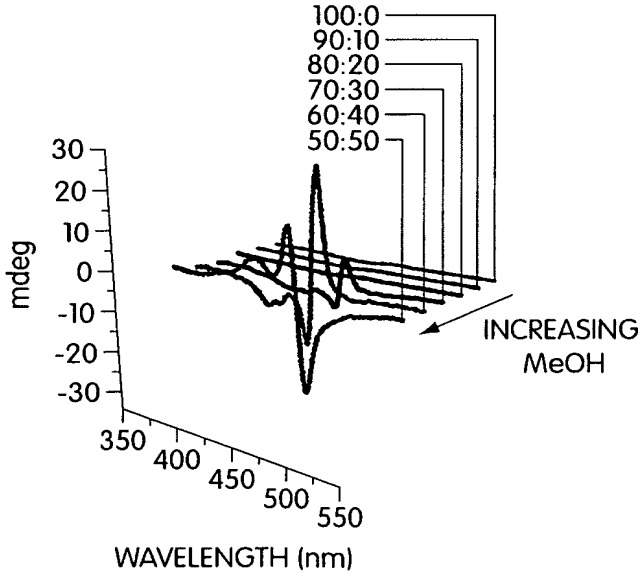

100:0
90:10
80:20
70:30
60:40
50:50
30
20
10
0
-10
-20
-30
mdeg
INCREASING
MeOH
350
400
450
500
550
WAVELENGTH (nm)

Fig. 3B

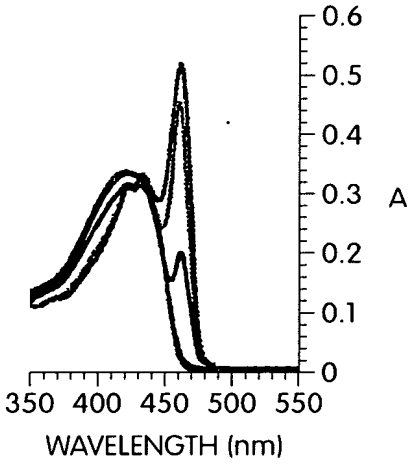

0.6
0.5
0.4
0.3
A
0.2
0.1
0
350 400 450 500 550
WAVELENGTH (nm)

Fig. 3C

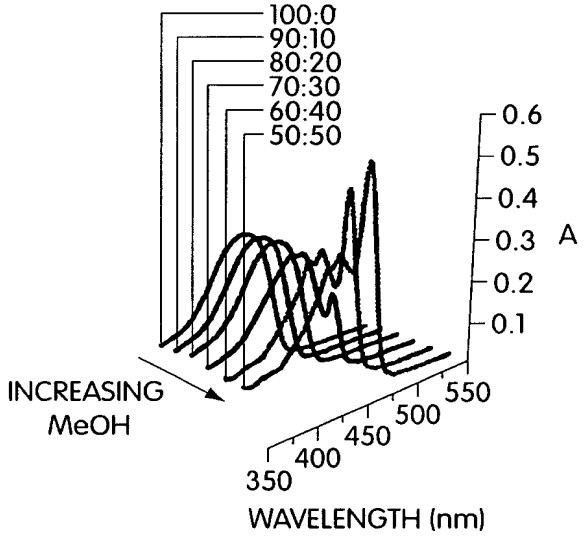

100:0
90:10
80:20
70:30
60:40
50:50
0.6
0.5
0.4
0.3
A
0.2
0.1
INCREASING
MeOH
550
500
450
400
350
WAVELENGTH (nm)

Fig. 3D

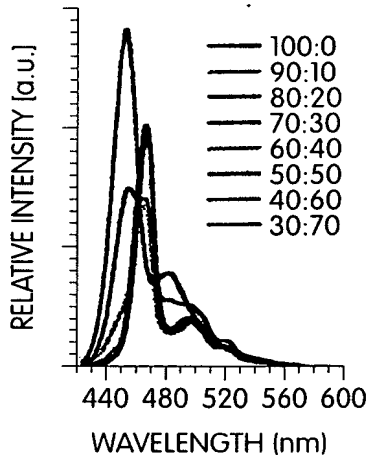

RELATIVE INTENSITY [a.u.]
100:0
90:10
80:20
70:30
60:40
50:50
40:60
30:70
440 480 520 560 600
WAVELENGTH (nm)

Fig. 3E

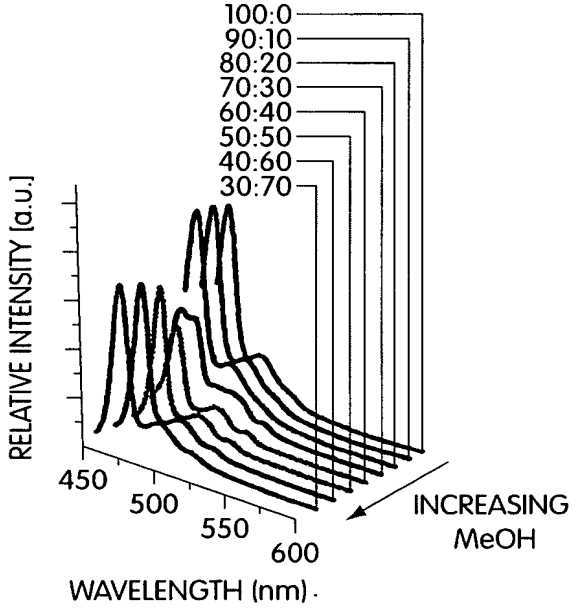

100:0
90:10
80:20
70:30
60:40
50:50
40:60
30:70
RELATIVE INTENSITY [a.u.]
450
500
550
600
INCREASING
MeOH
WAVELENGTH (nm)

Fig. 3F

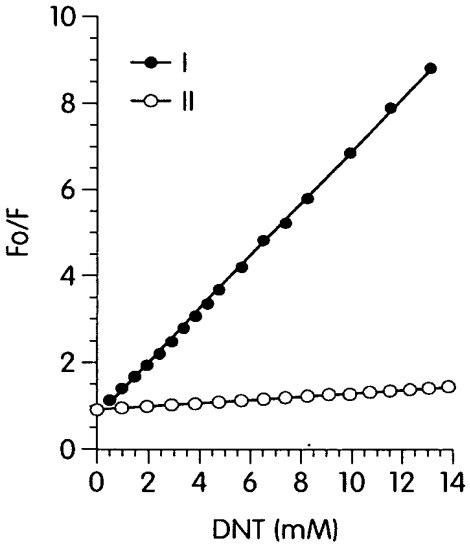

10
8
6
4
2
0
Fo/F
I
II
0 2 4 6 8 10 12 14
DNT (mM)

Fig. 4A

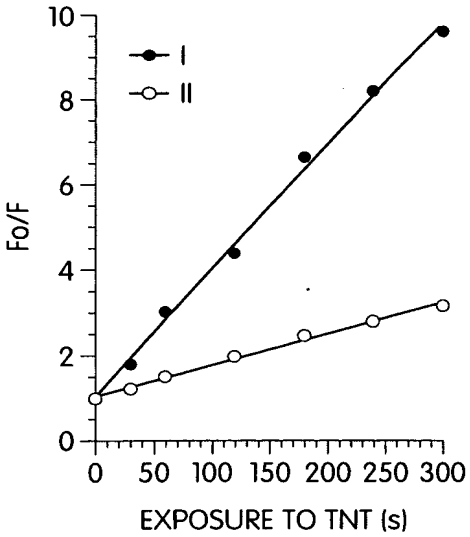

10
8
6
4
2
0
Fo/F
I
II
0 50 100 150 200 250 300
EXPOSURE TO TNT (s)

Fig. 4B

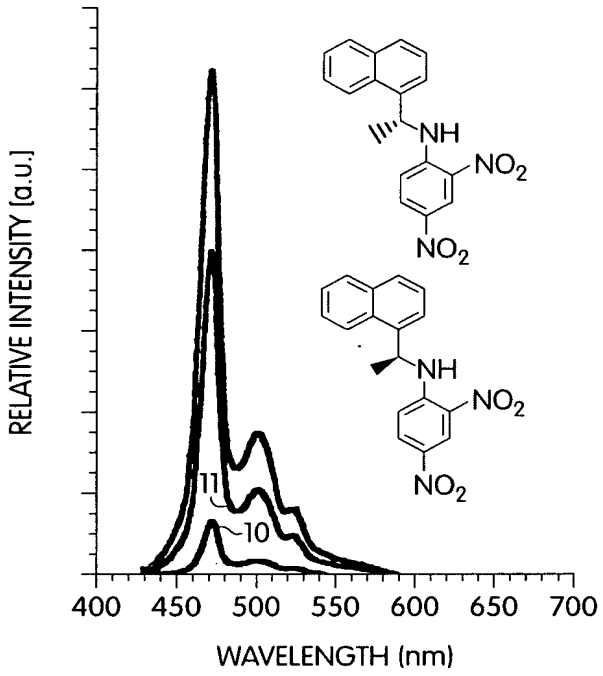
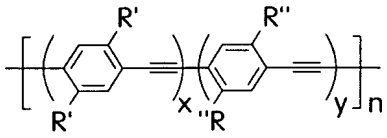

RELATIVE INTENSITY [a.u.]
400
450
500
550
600
650
700
WAVELENGTH (nm)
11
10
NH
NO2
NO2
NH
NO2
NO2

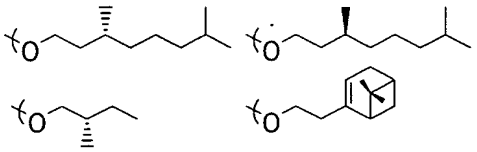
Fig. 5



FOR x = y = 1

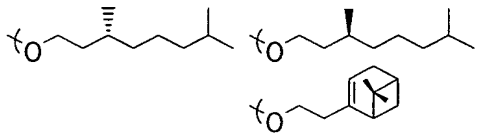
R': 2-NAPHTHALENE; H; CH_3; *i*-C_3H_7; OCH_3; OC_2H_5; OC_4H_9; OC_6H_{13}; $OCH_2CH(C_2H_5)C_4H_9$; OC_8H_{17}; $OC_{10}H_{21}$; $OC_{16}H_{33}$;

R'':



FOR x = 1; y = 0

R':



FOR x = 1-4; y = 1,3

R': OC_4H_9; R'':

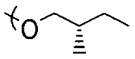


Fig. 6

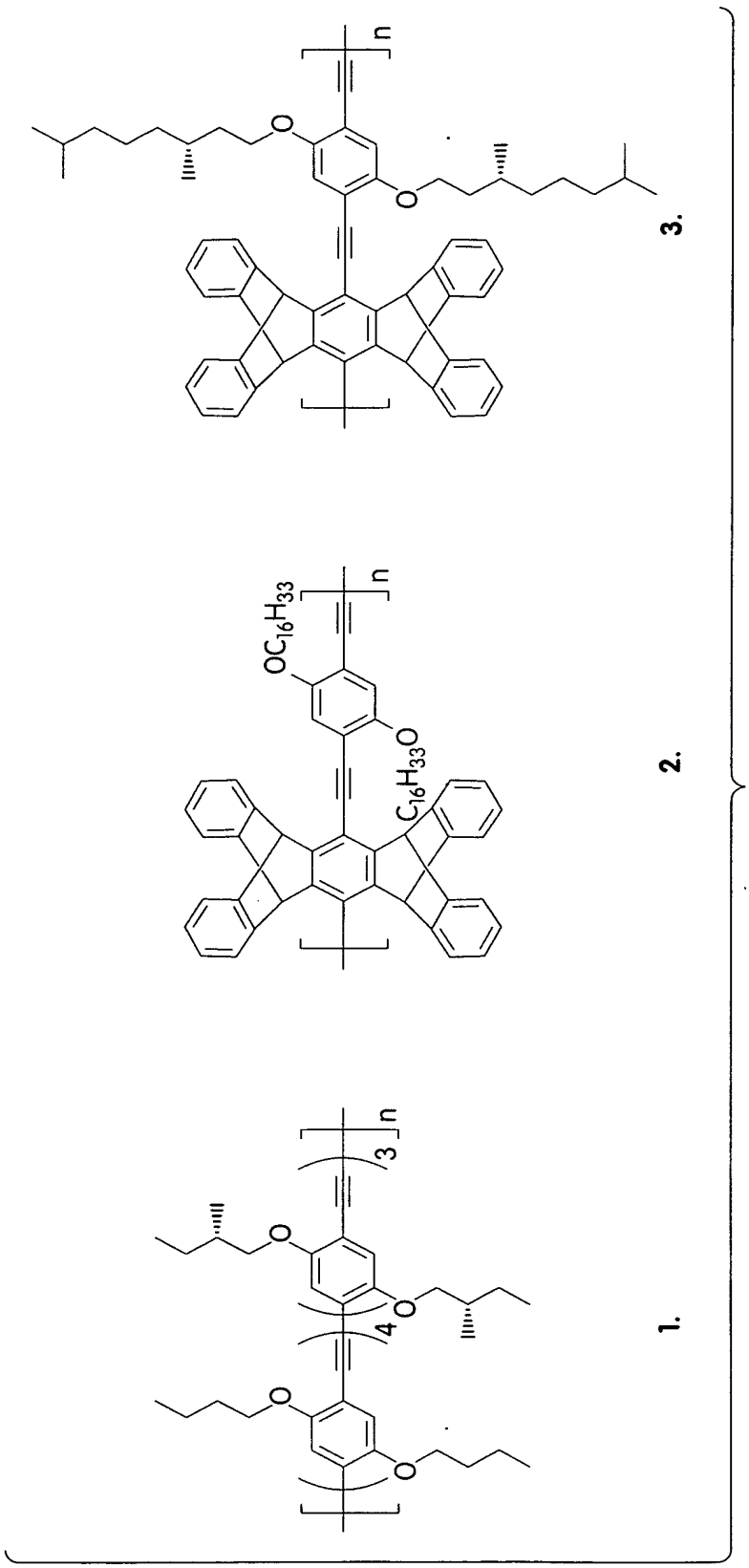


Fig. 7

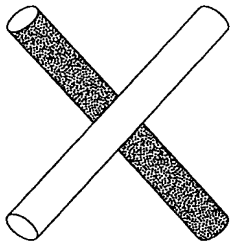


Fig. 8A

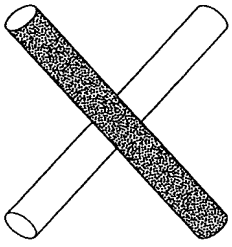


Fig. 8B

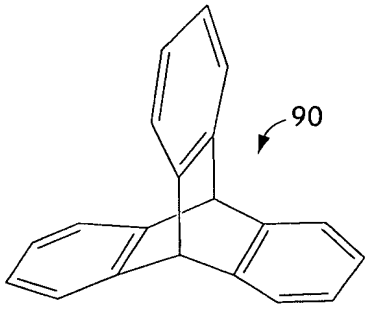


Fig. 9A

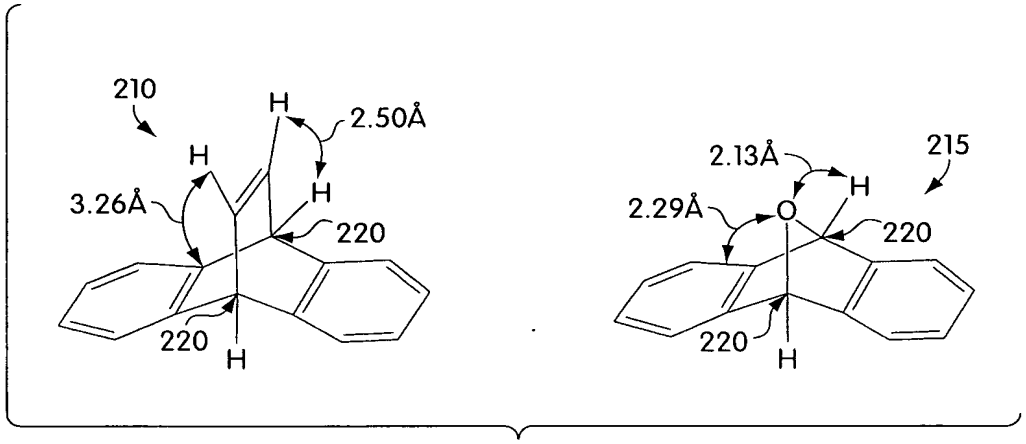


Fig. 9B

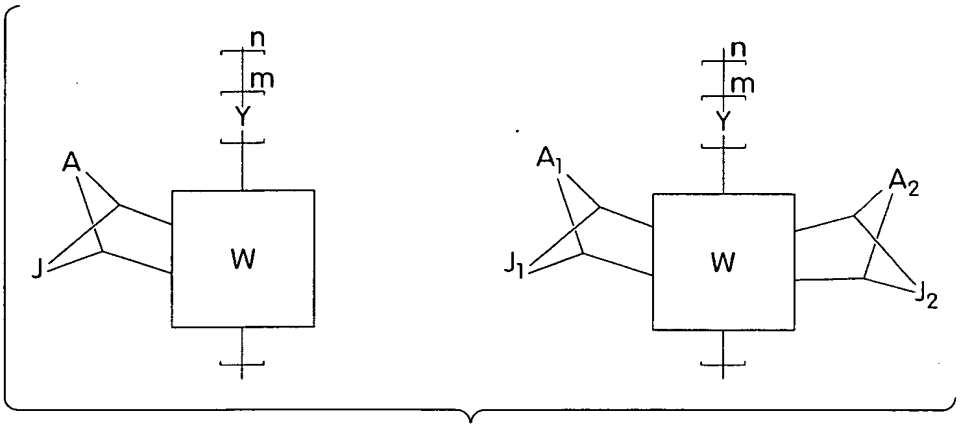


Fig. 10A

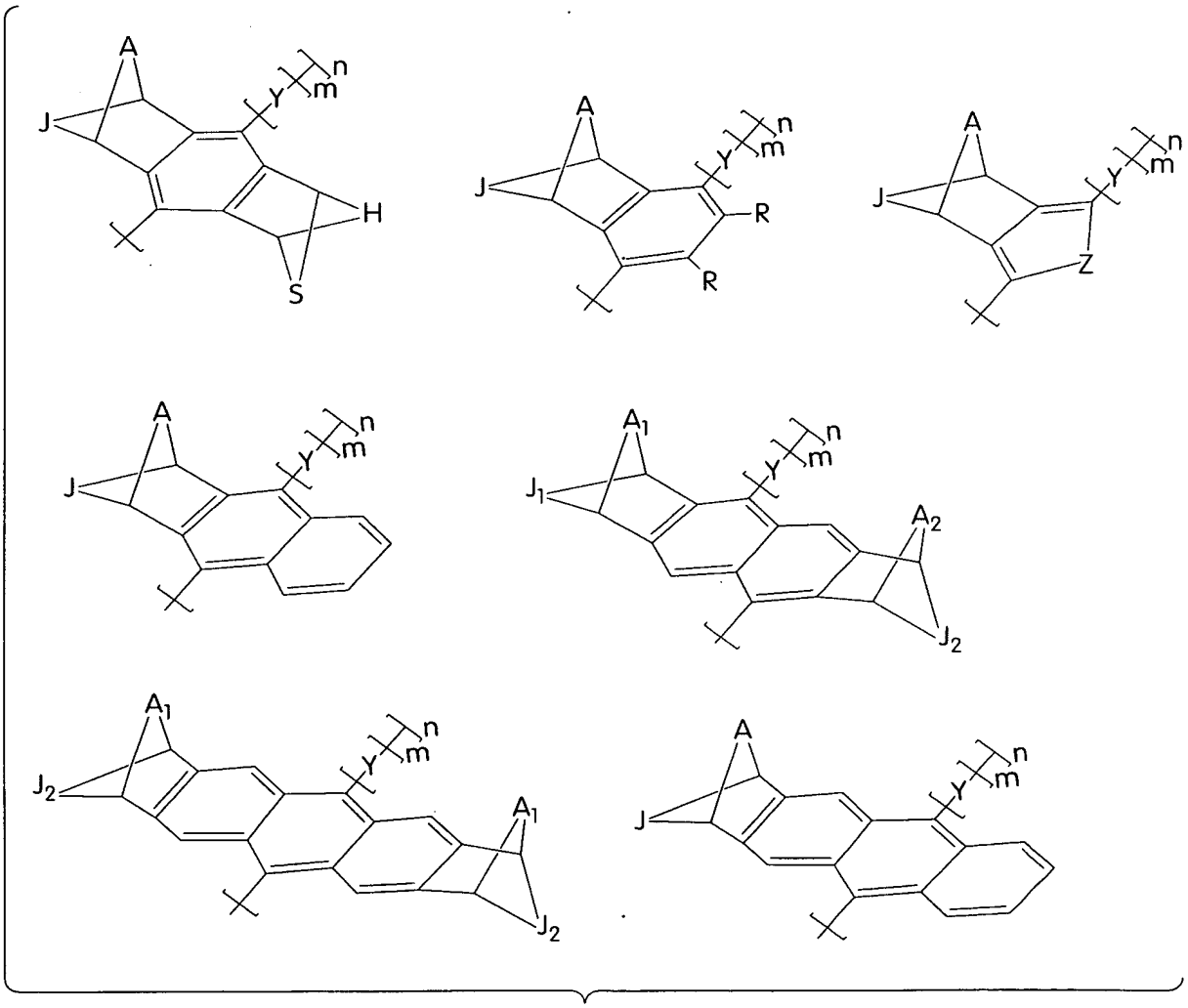


Fig. 10B

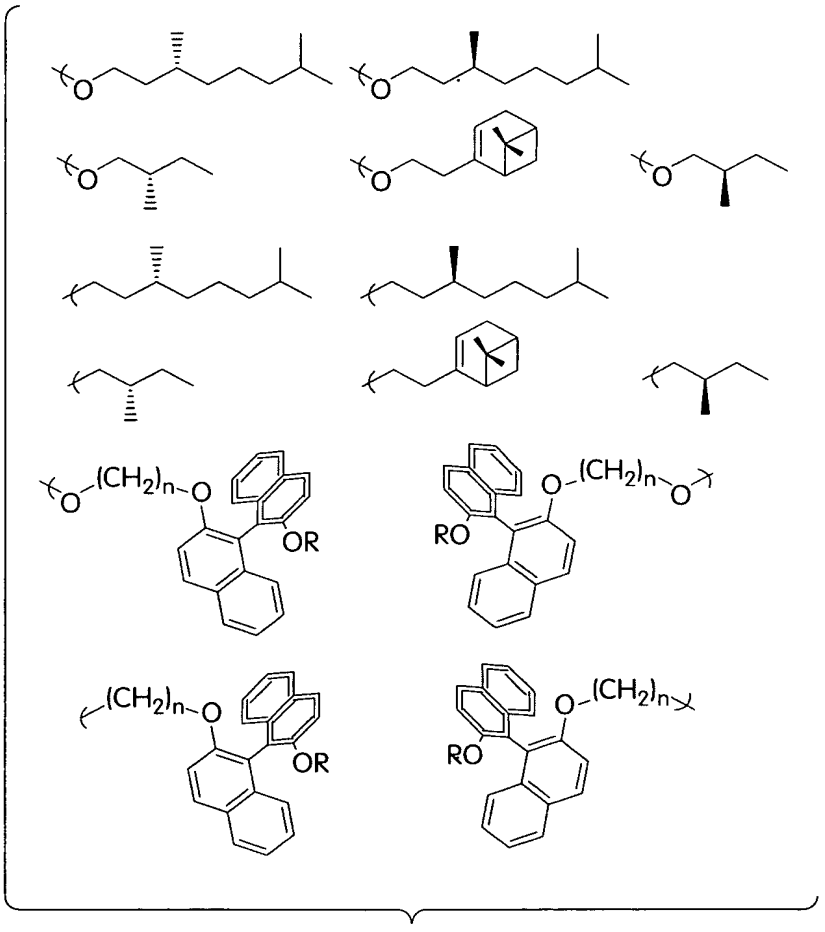


Fig. 10C

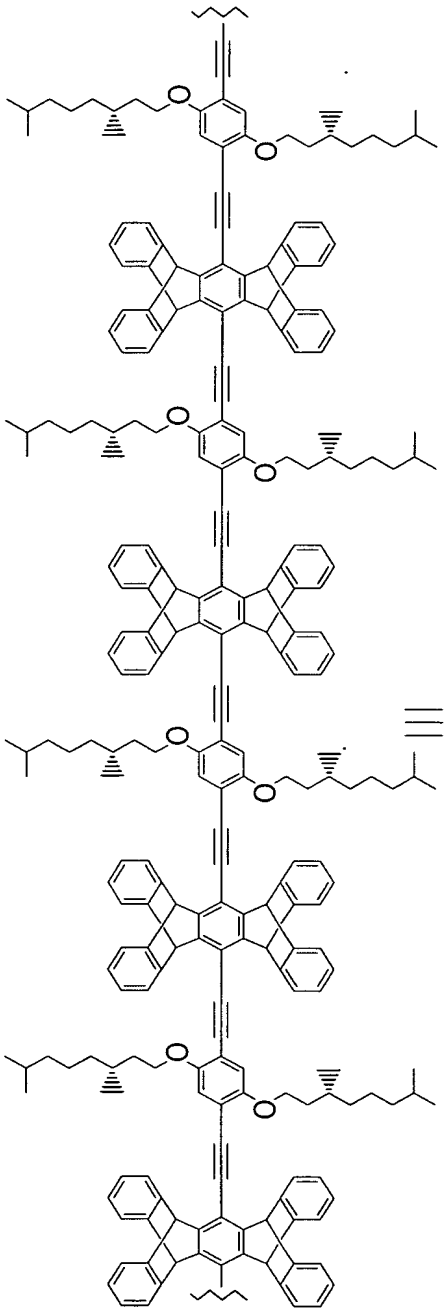


Fig. 11A

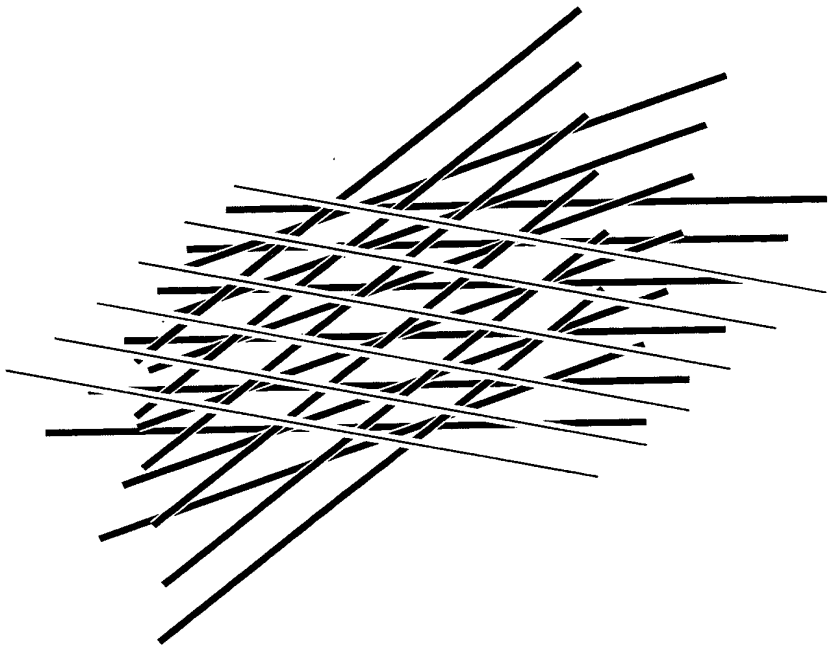


Fig. 11B

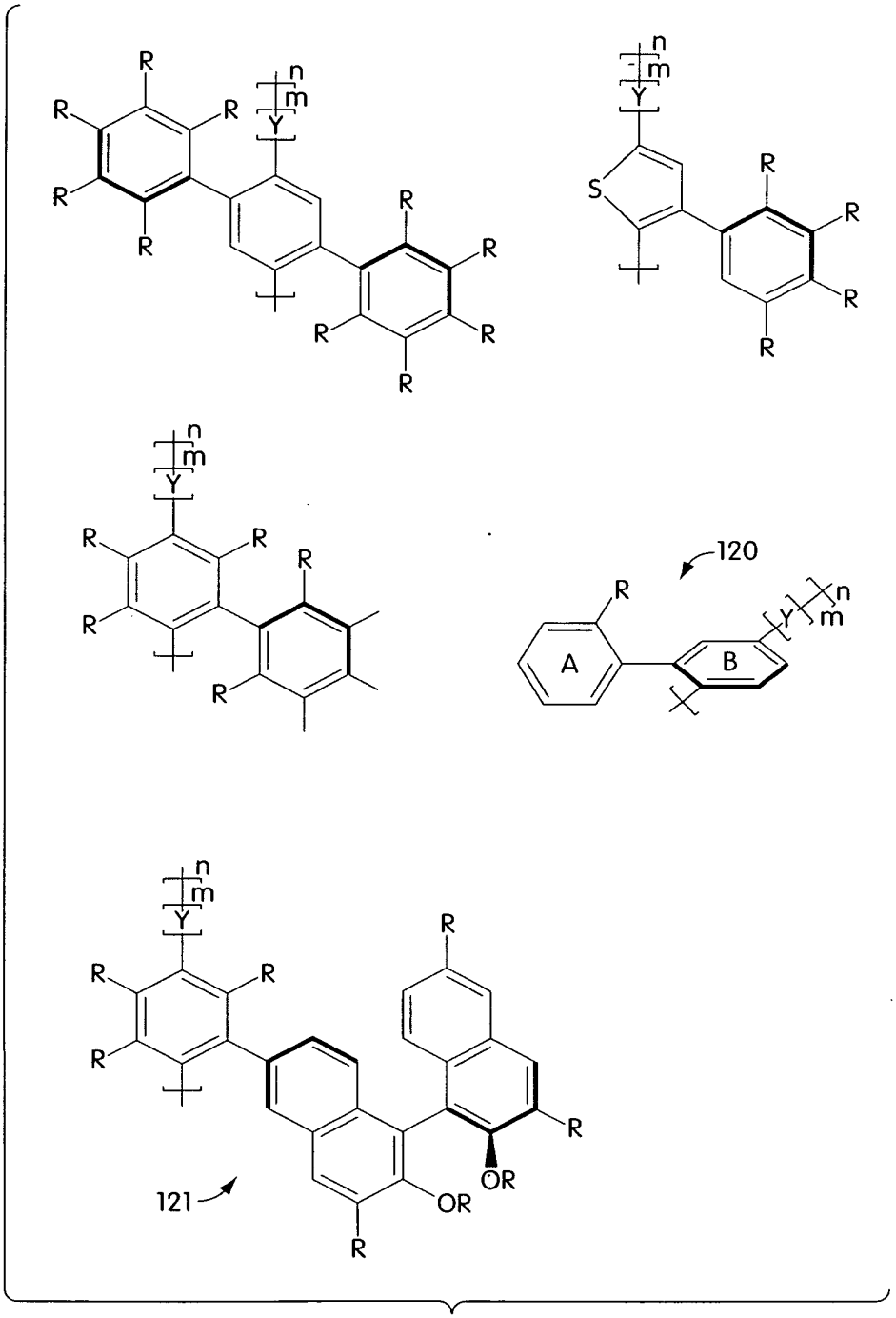


Fig. 12